

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10613980 on August 02, 2005

21	345/419	(7 OR, 14 XR)	
	Class 345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR	DISPLAY
		INTERFACE PROCESSING, AND SELECTIVE VISUAL	
		SYSTEMS	
	345/418	COMPUTER GRAPHICS PROCESSING	
	345/419	.Three-dimension	
10	600/443	(4 OR, 6 XR)	
	Class 600 :	SURGERY	
	600/300	DIAGNOSTIC TESTING	
	600/407	.Detecting nuclear, electromagnetic, or	
		ultrasonic radiation	
	600/437	..Ultrasonic	
	600/443	...Anatomic image produced by reflective	
		scanning	
7	324/309	(6 OR, 1 XR)	
	Class 324 :	ELECTRICITY: MEASURING AND TESTING	
	324/300	PARTICLE PRECESSION RESONANCE	
	324/307	.Using a nuclear resonance spectrometer system	
	324/309	..To obtain localized resonance within a sample	
7	345/582	(5 OR, 2 XR)	
	Class 345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR	DISPLAY
		INTERFACE PROCESSING, AND SELECTIVE VISUAL	
		SYSTEMS	
	345/418	COMPUTER GRAPHICS PROCESSING	
	345/581	.Attributes (surface detail or characteristic,	
		display attributes)	
	345/582	..Texture	
7	382/131	(2 OR, 5 XR)	
	Class 382 :	IMAGE ANALYSIS	
	382/100	APPLICATIONS	
	382/128	.Biomedical applications	
	382/131	..Tomography (e.g., CAT scanner)	
7	382/167	(4 OR, 3 XR)	
	Class 382 :	IMAGE ANALYSIS	
	382/162	COLOR IMAGE PROCESSING	
	382/167	.Color correction	
6	128/916	(0 OR, 6 XR)	
	Class 128 :	SURGERY	
	128/916	ULTRASOUND 3-D IMAGING	
6	345/427	(2 OR, 4 XR)	
	Class 345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR	DISPLAY
		INTERFACE PROCESSING, AND SELECTIVE VISUAL	
		SYSTEMS	
	345/418	COMPUTER GRAPHICS PROCESSING	
	345/419	.Three-dimension	
	345/427	..Space transformation	
6	345/440	(4 OR, 2 XR)	
	Class 345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR	DISPLAY
		INTERFACE PROCESSING, AND SELECTIVE VISUAL	

SYSTEMS

- 345/418 COMPUTER GRAPHICS PROCESSING
345/440 .Graph generating
- 6 382/154 (3 OR, 3 XR)
Class 382 : IMAGE ANALYSIS
382/100 APPLICATIONS
382/154 .3-D or stereo imaging analysis
- 5 358/518 (0 OR, 5 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/500 NATURAL COLOR FACSIMILE
358/518 .Color correction
- 5 382/162 (3 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
382/162 COLOR IMAGE PROCESSING
- 5 382/199 (2 OR, 3 XR)
Class 382 : IMAGE ANALYSIS
382/181 PATTERN RECOGNITION
382/190 .Feature extraction
382/195 ..Local or regional features
382/199 ...Pattern boundary and edge measurements
- 5 708/308 (1 OR, 4 XR)
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
AND CALCULATING
708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
708/200 .Particular function performed
708/300 ..Filtering
708/308 ...Multidimensional data
- 4 345/501 (1 OR, 3 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS
345/501 COMPUTER GRAPHIC PROCESSING SYSTEM
- 4 345/581 (3 OR, 1 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS
345/418 COMPUTER GRAPHICS PROCESSING
345/581 .Attributes (surface detail or characteristic,
display attributes)
- 4 355/22 (2 OR, 2 XR)
Class 355 : PHOTOCOPYING
355/18 PROJECTION PRINTING AND COPYING CAMERAS
355/22 .Stereoscopic
- 4 355/77 (1 OR, 3 XR)
Class 355 : PHOTOCOPYING
355/18 PROJECTION PRINTING AND COPYING CAMERAS
355/77 .Methods
- 4 358/523 (0 OR, 4 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/500 NATURAL COLOR FACSIMILE
358/518 .Color correction

- 358/523 ..with memory for storage of conversion data
- 4 358/525 (0 OR, 4 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
358/525 .Interpolation
- 4 382/106 (0 OR, 4 XR)
Class 382 : IMAGE ANALYSIS
382/100 APPLICATIONS
382/106 .Range or distance measuring
- 4 382/274 (1 OR, 3 XR)
Class 382 : IMAGE ANALYSIS
382/254 IMAGE ENHANCEMENT OR RESTORATION
382/274 .Intensity, brightness, contrast, or shading
correction
- 4 382/276 (0 OR, 4 XR)
Class 382 : IMAGE ANALYSIS
382/276 IMAGE TRANSFORMATION OR PREPROCESSING
- 4 382/294 (4 OR, 0 XR)
Class 382 : IMAGE ANALYSIS
382/276 IMAGE TRANSFORMATION OR PREPROCESSING
382/293 .Changing the image coordinates
382/294 ..Registering or aligning multiple images to
one another
- 4 600/425 (1 OR, 3 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/425 ..with tomographic imaging obtained from
electromagnetic wave
- 4 600/459 (2 OR, 2 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/437 ..Ultrasonic
600/459 ...Structure of transducer or probe assembly
- 4 701/208 (2 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/208 ..For use in a map data base system
- 4 707/104.1 (1 OR, 3 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
707/100 DATABASE SCHEMA OR DATA STRUCTURE
707/104.1 .Application of database or data structure
(e.g., distributed, multimedia, image)
- 4 707/3 (2 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

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	707/1		DATABASE OR FILE ACCESSING	
	707/3		.Query processing (i.e., searching)	
4	707/6	(1 OR, 3 XR)		
	Class	707	: DATA PROCESSING: DATABASE AND FILE	
			MANAGEMENT OR DATA STRUCTURES	
	707/1		DATABASE OR FILE ACCESSING	
	707/3		.Query processing (i.e., searching)	
	707/6		..Pattern matching access	
3	324/307	(0 OR, 3 XR)		
	Class	324	: ELECTRICITY: MEASURING AND TESTING	
	324/300		PARTICLE PRECESSION RESONANCE	
	324/307		.Using a nuclear resonance spectrometer system	
3	340/990	(0 OR, 3 XR)		
	Class	340	: COMMUNICATIONS: ELECTRICAL	
	340/988		VEHICLE POSITION INDICATION	
	340/989		.At remote location	
	340/990		..With map display	
3	345/420	(1 OR, 2 XR)		
	Class	345	: COMPUTER GRAPHICS PROCESSING, OPERATOR	
			INTERFACE PROCESSING, AND SELECTIVE VISUAL	DISPLAY
			SYSTEMS	
	345/418		COMPUTER GRAPHICS PROCESSING	
	345/419		.Three-dimension	
	345/420		..Solid modelling	
3	345/426	(2 OR, 1 XR)		
	Class	345	: COMPUTER GRAPHICS PROCESSING, OPERATOR	
			INTERFACE PROCESSING, AND SELECTIVE VISUAL	DISPLAY
			SYSTEMS	
	345/418		COMPUTER GRAPHICS PROCESSING	
	345/419		.Three-dimension	
	345/426		..Lighting/shading	
3	345/552	(2 OR, 1 XR)		
	Class	345	: COMPUTER GRAPHICS PROCESSING, OPERATOR	
			INTERFACE PROCESSING, AND SELECTIVE VISUAL	DISPLAY
			SYSTEMS	
	345/538		...Data transfer between system memory display	
			memory	
	345/552		.Texture memory	
3	345/649	(1 OR, 2 XR)		
	Class	345	: COMPUTER GRAPHICS PROCESSING, OPERATOR	
			INTERFACE PROCESSING, AND SELECTIVE VISUAL	DISPLAY
			SYSTEMS	
	345/418		COMPUTER GRAPHICS PROCESSING	
	345/619		.Graphic manipulation (object processing or	
			display attributes)	
	345/649		..Rotation	
3	348/443	(1 OR, 2 XR)		
	Class	348	: TELEVISION	
	348/441		FORMAT CONVERSION	
	348/443		.Involving both line number and field rate	
			conversion (e.g., PAL to NTSC)	
3	348/580	(0 OR, 3 XR)		
	Class	348	: TELEVISION	

- 348/571 IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION
- 348/578 .Special effects
- 348/580 ..Geometric transformation
- 3 358/1.9 (1 OR, 2 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.9 .Attribute control
- 3 375/240.08 (1 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/240 BANDWIDTH REDUCTION OR EXPANSION
375/240.01 .Television or motion video signal
375/240.08 ..Feature based
- 3 375/240.11 (2 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/240 BANDWIDTH REDUCTION OR EXPANSION
375/240.01 .Television or motion video signal
375/240.08 ..Feature based
375/240.1 ...Separate coders
375/240.11Subband coding
- 3 382/128 (2 OR, 1 XR)
Class 382 : IMAGE ANALYSIS
382/100 APPLICATIONS
382/128 .Biomedical applications
- 3 382/132 (1 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
382/100 APPLICATIONS
382/128 .Biomedical applications
382/132 ..X-ray film analysis (e.g., radiography)
- 3 382/164 (1 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
382/162 COLOR IMAGE PROCESSING
382/164 .Image segmentation using color
- 3 382/173 (1 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
382/173 IMAGE SEGMENTATION
- 3 382/190 (2 OR, 1 XR)
Class 382 : IMAGE ANALYSIS
382/181 PATTERN RECOGNITION
382/190 .Feature extraction
- 3 382/232 (3 OR, 0 XR)
Class 382 : IMAGE ANALYSIS
382/232 IMAGE COMPRESSION OR CODING
- 3 382/236 (0 OR, 3 XR)
Class 382 : IMAGE ANALYSIS
382/232 IMAGE COMPRESSION OR CODING
382/236 .Interframe coding (e.g., difference or motion detection)
- 3 382/248 (1 OR, 2 XR)
Class 382 : IMAGE ANALYSIS

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382/232      IMAGE COMPRESSION OR CODING
382/248      .Transform coding

3 382/250      (0 OR, 3 XR)
   Class 382 : IMAGE ANALYSIS
382/232      IMAGE COMPRESSION OR CODING
382/248      .Transform coding
382/250      ..Discrete cosine or sine transform

3 382/251      (1 OR, 2 XR)
   Class 382 : IMAGE ANALYSIS
382/232      IMAGE COMPRESSION OR CODING
382/251      .Quantization

3 382/253      (3 OR, 0 XR)
   Class 382 : IMAGE ANALYSIS
382/232      IMAGE COMPRESSION OR CODING
382/251      .Quantization
382/253      ..Vector quantization

3 382/254      (0 OR, 3 XR)
   Class 382 : IMAGE ANALYSIS
382/254      IMAGE ENHANCEMENT OR RESTORATION

3 382/277      (3 OR, 0 XR)
   Class 382 : IMAGE ANALYSIS
382/276      IMAGE TRANSFORMATION OR PREPROCESSING
382/277      .Transforming each dimension separately

3 382/279      (1 OR, 2 XR)
   Class 382 : IMAGE ANALYSIS
382/276      IMAGE TRANSFORMATION OR PREPROCESSING
382/279      .Convolution

3 382/295      (1 OR, 2 XR)
   Class 382 : IMAGE ANALYSIS
382/276      IMAGE TRANSFORMATION OR PREPROCESSING
382/293      .Changing the image coordinates
382/295      ..To position or translate an image

3 382/296      (0 OR, 3 XR)
   Class 382 : IMAGE ANALYSIS
382/276      IMAGE TRANSFORMATION OR PREPROCESSING
382/293      .Changing the image coordinates
382/296      ..To rotate an image

3 382/300      (0 OR, 3 XR)
   Class 382 : IMAGE ANALYSIS
382/276      IMAGE TRANSFORMATION OR PREPROCESSING
382/293      .Changing the image coordinates
382/298      ..To change the scale or size of an image
382/299      ...Raising or lowering the image resolution
              (e.g., subpixel accuracy)
382/300      ....Interpolation

3 382/302      (1 OR, 2 XR)
   Class 382 : IMAGE ANALYSIS
382/276      IMAGE TRANSFORMATION OR PREPROCESSING
382/302      .Multilayered image transformations

3 430/619      (1 OR, 2 XR)
   Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
              COMPOSITION, OR PRODUCT THEREOF

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- 430/495.1 RADIATION SENSITIVE PRODUCT
 430/564 .Silver compound sensitizer containing
 430/617 ..Silver compound other than halide, per se, or
 composition for thermographic process
 430/618 ...Organic silver compound containing
 430/619And inorganic silver compound
- 3 600/407 (3 OR, 0 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
- 3 600/437 (2 OR, 1 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
- 3 600/454 (1 OR, 2 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
 600/453 ...Doppler effect (e.g., fetal HR monitoring)
 600/454Blood flow studies
- 3 600/455 (0 OR, 3 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
 600/453 ...Doppler effect (e.g., fetal HR monitoring)
 600/454Blood flow studies
 600/455Pulse Doppler
- 3 600/466 (1 OR, 2 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
 600/459 ...Structure of transducer or probe assembly
 600/462Probe placed in vascular system or body
 orifice
 600/466Catheter
- 3 600/467 (0 OR, 3 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
 600/459 ...Structure of transducer or probe assembly
 600/462Probe placed in vascular system or body
 orifice
 600/466Catheter
 600/467Intravascular

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- 3 701/213 (0 OR, 3 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)

- 3 701/301 (2 OR, 1 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/300 RELATIVE LOCATION
 701/301 .Collision avoidance

- 3 706/25 (1 OR, 2 XR)
 Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 706/15 NEURAL NETWORK
 706/25 .Learning method

- 3 707/2 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/1 DATABASE OR FILE ACCESSING
 707/2 .Access augmentation or optimizing

- 3 707/5 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/1 DATABASE OR FILE ACCESSING
 707/3 .Query processing (i.e., searching)
 707/5 ..Query augmenting and refining (e.g., inexact
 access)

- 2 5/413R (2 OR, 0 XR)
 Class 005 : BEDS
 5/413R SLEEPING BAG

- 2 33/276 (2 OR, 0 XR)
 Class 033 : GEOMETRICAL INSTRUMENTS
 33/227 STRAIGHT-LINE LIGHT RAY TYPE
 33/276 .Multisight line

- 2 73/23.2 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/23.2 GAS ANALYSIS

- 2 73/23.34 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/23.2 GAS ANALYSIS
 73/23.34 .Odor

- 2 73/23.36 (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/23.2 GAS ANALYSIS
 73/23.35 .Gas chromatography
 73/23.36 ..with electrical computer or data processor
 control

- 2 73/24.06 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/23.2 GAS ANALYSIS
 73/24.01 .By vibration
 73/24.06 ..Detector detail

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- 2 73/657 (2 OR, 0 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/570 VIBRATION
 - 73/649 .Sensing apparatus
 - 73/655 ..With light beam indicator
 - 73/657 ...By frequency or phase shift

- 2 73/861.25 (0 OR, 2 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/861 VOLUME OR RATE OF FLOW
 - 73/861.18 .By measuring vibrations or acoustic energy
 - 73/861.25 ..Reflection or scattering of acoustic waves

- 2 235/462.11 (0 OR, 2 XR)
 - Class 235 : REGISTERS
 - 235/435 CODED RECORD SENSORS
 - 235/439 .Particular sensor structure
 - 235/454 ..Optical
 - 235/462.01 ...Bar code
 - 235/462.1Means to decode a 2-D bar code
 - 235/462.11Including an imager (e.g., CCD or camera-type reader)

- 2 235/462.23 (0 OR, 2 XR)
 - Class 235 : REGISTERS
 - 235/435 CODED RECORD SENSORS
 - 235/439 .Particular sensor structure
 - 235/454 ..Optical
 - 235/462.01 ...Bar code
 - 235/462.22Extended reader working range (e.g., multiple focal planes)
 - 235/462.23Auto-focusing

- 2 235/472.01 (2 OR, 0 XR)
 - Class 235 : REGISTERS
 - 235/435 CODED RECORD SENSORS
 - 235/439 .Particular sensor structure
 - 235/454 ..Optical
 - 235/472.01 ...Hand-held (e.g., portable)

- 2 250/208.1 (1 OR, 1 XR)
 - Class 250 : RADIANT ENERGY
 - 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 - 250/206 .Photocell controlled circuit
 - 250/208.1 ..Plural photosensitive image detecting element arrays

- 2 250/227.2 (0 OR, 2 XR)
 - Class 250 : RADIANT ENERGY
 - 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 - 250/216 .Optical or pre-photocell system
 - 250/227.11 ..Light conductor
 - 250/227.2 ...With imaging

- 2 250/306 (1 OR, 1 XR)
 - Class 250 : RADIANT ENERGY
 - 250/306 INSPECTION OF SOLIDS OR LIQUIDS BY CHARGED PARTICLES

- 2 250/311 (2 OR, 0 XR)
 - Class 250 : RADIANT ENERGY
 - 250/306 INSPECTION OF SOLIDS OR LIQUIDS BY CHARGED

PARTICLES

- 250/311 .Electron microscope type
- 2 250/461.2 (1 OR, 1 XR)
 Class 250 : RADIANT ENERGY
 250/458.1 LUMINOPHOR IRRADIATION
 250/461.1 .With ultraviolet source
 250/461.2 ..Biological cell identification
- 2 273/157R (2 OR, 0 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/153R PUZZLES
 273/156 .Take-aparts and put-togethers
 273/157R ..Geometrical figures, pictures, and maps
- 2 283/117 (1 OR, 1 XR)
 Class 283 : PRINTED MATTER
 283/117 MISCELLANEOUS
- 2 313/365 (2 OR, 0 XR)
 Class 313 : ELECTRIC LAMP AND DISCHARGE DEVICES
 313/364 CATHODE RAY TUBE
 313/365 .Image pickup tube
- 2 313/477R (0 OR, 2 XR)
 Class 313 : ELECTRIC LAMP AND DISCHARGE DEVICES
 313/364 CATHODE RAY TUBE
 313/477R .Envelope
- 2 340/995.14 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/988 VEHICLE POSITION INDICATION
 340/995.1 .Map display
 340/995.14 ..Manipulation of map display or data
- 2 340/995.26 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/988 VEHICLE POSITION INDICATION
 340/995.1 .Map display
 340/995.26 ..Including particular display structure (e.g., detachable, rolling map sheet, etc.)
- 2 345/424 (1 OR, 1 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/418 COMPUTER GRAPHICS PROCESSING
 345/419 .Three-dimension
 345/424 ..Voxel
- 2 345/441 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/418 COMPUTER GRAPHICS PROCESSING
 345/441 .Shape generating
- 2 345/473 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/418 COMPUTER GRAPHICS PROCESSING
 345/473 .Animation

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- 2 345/474 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/418 COMPUTER GRAPHICS PROCESSING
 345/473 .Animation
 345/474 ..Motion planning or control
- 2 345/540 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/530 COMPUTER GRAPHICS DISPLAY MEMORY SYSTEM
 345/536 .Plural storage devices
 345/540 ..Interleaved
- 2 345/545 (1 OR, 1 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/538 ...Data transfer between system memory display
 memory
 345/545 .Frame buffer
- 2 345/555 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/538 ...Data transfer between system memory display
 memory
 345/555 .For storing compressed data
- 2 345/564 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/538 ...Data transfer between system memory display
 memory
 345/564 .Addressing
- 2 345/591 (1 OR, 1 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/418 COMPUTER GRAPHICS PROCESSING
 345/581 .Attributes (surface detail or characteristic,
 display attributes)
 345/589 ..Color or intensity
 345/591 ...Color processing in perceptual color space
- 2 345/600 (1 OR, 1 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS
 345/418 COMPUTER GRAPHICS PROCESSING
 345/581 .Attributes (surface detail or characteristic,
 display attributes)
 345/589 ..Color or intensity
 345/600 ...Color bit data modification or conversion
- 2 345/606 (0 OR, 2 XR)

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Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/581 .Attributes (surface detail or characteristic,
display attributes)

345/606 ..Interpolation of attribute values across
object surface

2 345/619 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/619 .Graphic manipulation (object processing or
display attributes)

2 345/629 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/619 .Graphic manipulation (object processing or
display attributes)

345/629 ..Merge or overlay

2 345/660 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/619 .Graphic manipulation (object processing or
display attributes)

345/660 ..Scaling

2 348/51 (1 OR, 1 XR)

Class 348 : TELEVISION

348/42 STEREOSCOPIC

348/51 .Stereoscopic display device

2 348/583 (0 OR, 2 XR)

Class 348 : TELEVISION

348/571 IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO
TELEVISION

348/578 .Special effects

348/580 ..Geometric transformation

348/583 ...Rotation

2 356/239.1 (2 OR, 0 XR)

Class 356 : OPTICS: MEASURING AND TESTING

356/237.1 INSPECTION OF FLAWS OR IMPURITIES

356/239.1 .Transparent or translucent material

2 356/318 (1 OR, 1 XR)

Class 356 : OPTICS: MEASURING AND TESTING

356/300 BY DISPERSED LIGHT SPECTROSCOPY

356/311 .With sample excitation (e.g., burning)

356/317 ..By light

356/318 ...Monochromatic (e.g., laser)

2 356/430 (0 OR, 2 XR)

Class 356 : OPTICS: MEASURING AND TESTING

356/429 BY MONITORING OF WEBS OR THREAD

356/430 .For flaws or imperfections

2 356/479 (1 OR, 1 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/450 BY LIGHT INTERFERENCE (E.G., INTERFEROMETER)
 356/477 .Using fiber or waveguide interferometer
 356/479 ..Having a short coherence length source

2 356/635 (2 OR, 0 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/625 DIMENSION
 356/635 .width or diameter

2 358/500 (0 OR, 2 XR)
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/500 NATURAL COLOR FACSIMILE

2 359/15 (0 OR, 2 XR)
 Class 359 : OPTICS: SYSTEMS
 359/1 HOLOGRAPHIC SYSTEM OR ELEMENT
 359/15 .Using a hologram as an optical element

2 359/462 (0 OR, 2 XR)
 Class 359 : OPTICS: SYSTEMS
 359/462 STEREOSCOPIC

2 359/509 (0 OR, 2 XR)
 Class 359 : OPTICS: SYSTEMS
 359/507 PROTECTION FROM MOISTURE OR FOREIGN PARTICLE
 359/509 .Fluid directed across optical element

2 359/619 (2 OR, 0 XR)
 Class 359 : OPTICS: SYSTEMS
 359/618 SINGLE CHANNEL SIMULTANEOUSLY TO OR FROM PLURAL
 CHANNELS (E.G., LIGHT DIVIDING, COMBINING, OR PLURAL
 IMAGE FORMING, ETC.)
 359/619 .By surface composed of lenticular elements

2 359/621 (0 OR, 2 XR)
 Class 359 : OPTICS: SYSTEMS
 359/618 SINGLE CHANNEL SIMULTANEOUSLY TO OR FROM PLURAL
 CHANNELS (E.G., LIGHT DIVIDING, COMBINING, OR PLURAL
 IMAGE FORMING, ETC.)
 359/619 .By surface composed of lenticular elements
 359/621 ..Plural lenticular plates

2 375/240.18 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/240 BANDWIDTH REDUCTION OR EXPANSION
 375/240.01 .Television or motion video signal
 375/240.18 ..Transform

2 382/151 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/100 APPLICATIONS
 382/141 .Manufacturing or product inspection
 382/145 ..Inspection of semiconductor device or printed
 circuit board
 382/151 ...Alignment, registration, or position
 determination

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- 2 382/197 (1 OR, 1 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/190 .Feature extraction
 - 382/195 ..Local or regional features
 - 382/197 ...Directional codes and vectors (e.g., Freeman chains, compasslike codes)
- 2 382/203 (0 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/190 .Feature extraction
 - 382/195 ..Local or regional features
 - 382/203 ...Shape and form analysis
- 2 382/209 (1 OR, 1 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/209 .Template matching (e.g., specific devices that determine the best match)
- 2 382/217 (2 OR, 0 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/209 .Template matching (e.g., specific devices that determine the best match)
 - 382/217 ..Electronic template
- 2 382/218 (0 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/209 .Template matching (e.g., specific devices that determine the best match)
 - 382/217 ..Electronic template
 - 382/218 ...Comparator
- 2 382/225 (1 OR, 1 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/224 .Classification
 - 382/225 ..Cluster analysis
- 2 382/228 (1 OR, 1 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/181 PATTERN RECOGNITION
 - 382/224 .Classification
 - 382/228 ..Statistical decision process
- 2 382/240 (0 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/232 IMAGE COMPRESSION OR CODING
 - 382/240 .Pyramid, hierarchy, or tree structure
- 2 382/242 (0 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/232 IMAGE COMPRESSION OR CODING
 - 382/242 .Contour or chain coding (e.g., Bezier)
- 2 382/249 (2 OR, 0 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/232 IMAGE COMPRESSION OR CODING
 - 382/248 .Transform coding

- 382/249 ..Fractal
- 2 382/260 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/254 IMAGE ENHANCEMENT OR RESTORATION
 382/260 .Image filter
- 2 382/262 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/254 IMAGE ENHANCEMENT OR RESTORATION
 382/260 .Image filter
 382/262 ..Median filter
- 2 382/266 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/254 IMAGE ENHANCEMENT OR RESTORATION
 382/266 .Edge or contour enhancement
- 2 382/286 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
 382/286 .Measuring image properties (e.g., length,
 width, or area)
- 2 382/293 (2 OR, 0 XR)
 Class 382 : IMAGE ANALYSIS
 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
 382/293 .Changing the image coordinates
- 2 382/298 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
 382/293 .Changing the image coordinates
 382/298 ..To change the scale or size of an image
- 2 446/72 (0 OR, 2 XR)
 Class 446 : AMUSEMENT DEVICES: TOYS
 446/71 CONVERTIBLE FROM, OR SERVING AS DIVERSE ARTICLE
 446/72 .Including figure toy
- 2 600/447 (2 OR, 0 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
 600/443 ...Anatomic image produced by reflective
 scanning
 600/447Electronic array scanning
- 2 600/453 (0 OR, 2 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/437 ..Ultrasonic
 600/453 ...Doppler effect (e.g., fetal HR monitoring)
- 2 700/83 (1 OR, 1 XR)
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS

- 700/1
700/83 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
 .Having operator control interface (e.g.,
 control/display console)
- 2 701/120 (2 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
701/120 .Traffic analysis or control of aircraft
- 2 701/215 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)
701/214 ...Means to improve accuracy of position or
 location
701/215 Having multiple GPS antennas or receivers
 (e.g., differential GPS)
- 2 701/220 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/220 ..Using inertial sensor
- 2 701/223 (2 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/223 ..With radar or optical ground scanner
- 2 701/45 (1 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
701/36 .Vehicle subsystem or accessory control
701/45 ..Control of vehicle safety devices (e.g.,
 airbag, seat-belt, etc.)
- 2 702/176 (0 OR, 2 XR)
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
702/127 MEASUREMENT SYSTEM
702/176 .Time duration or rate
- 2 703/6 (1 OR, 1 XR)
Class 703 : DATA PROCESSING: STRUCTURAL DESIGN,
 MODELING, SIMULATION, AND EMULATION
703/6 SIMULATING NONELECTRICAL DEVICE OR SYSTEM
- 2 707/100 (0 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
707/100 DATABASE SCHEMA OR DATA STRUCTURE
- 2 707/101 (0 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE

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- 707/100 MANAGEMENT OR DATA STRUCTURES
 707/101 DATABASE SCHEMA OR DATA STRUCTURE
 .Manipulating data structure (e.g.,
 compression, compaction, compilation)
- 2 707/102 (2 OR, 0 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/100 DATABASE SCHEMA OR DATA STRUCTURE
 707/102 .Generating database or data structure (e.g.,
 via user interface)
- 2 708/313 (0 OR, 2 XR)
 Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
 AND CALCULATING
 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
 708/200 .Particular function performed
 708/300 ..Filtering
 708/313 ...Decimation/interpolation
- 2 708/315 (1 OR, 1 XR)
 Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
 AND CALCULATING
 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
 708/200 .Particular function performed
 708/300 ..Filtering
 708/315 ...By convolution
- 2 708/319 (0 OR, 2 XR)
 Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
 AND CALCULATING
 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
 708/200 .Particular function performed
 708/300 ..Filtering
 708/319 ...Transversal
- 2 708/442 (0 OR, 2 XR)
 Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
 AND CALCULATING
 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
 708/200 .Particular function performed
 708/442 ..Coordinate conversion
- 2 711/217 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/200 ADDRESS FORMATION
 711/217 .Generating a particular pattern/sequence of
 addresses
- 2 711/218 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/200 ADDRESS FORMATION
 711/217 .Generating a particular pattern/sequence of
 addresses
 711/218 ..Sequential addresses generation
- 2 711/220 (1 OR, 1 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/200 ADDRESS FORMATION
 711/220 .Combining two or more values to create address

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2 715/848 (2 OR, 0 XR)
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
DOCUMENT
715/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER
INTERFACE)
715/764 .On-screen workspace or object
715/848 ..Interface represented by 3D space